Stable lecithin-containing powders for feeds and foods

PAT.ANMELDER

Miyoshi Yushi K. K., Japan

ERFINDER Matsutani, N buyuki; Ikemori, Shunsuke; Owada, Hirohisa;

Murakami, Takeshi; Hoshino, Hiroaki

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The powders contain powd. exciplents mainly contg. Ca phosphate mixed with 5-70 wt.% lecithins. The powders are easy to handle, improve the emulsifying property, texture, stability, and mold release property of foods, and simultaneously enrich Ca and lecithin in feeds. Crude lecithin (300 g) was gradually added to 300 g Ca3(PO4)2 to give a powder showing food flowability at room temp. and at 40.degree.. A cow feed contg. the powder was formulated.

SCHLAGWORTE lecithin powder calcium phosphate feed food

CA-INDEX Whey (calcium; stable powd. lecthin contg. Ca phosphate

excipients for feeds and foods)

CA-INDEX Bone meal Bread Feed additives Food additives Pasta (stable powd. lecithin contg. Ca phosphate excipients for feeds and foods)

CA-INDEX Lecithins RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses) (stable powd. lecithin contg. Ca phosphate exclpients for feeds and foods)

CA-INDEX 7440-70-2, Calcium, biological studies RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses) (from whey; stable powd. lecithin contg. Ca phosphate excipients for feeds and foods)

CA-INDEX 7757-93-9, Calcium hydrogen phosphate 7758-87-4, Tricalcium phosphate RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses) (stable powd, lecithin contg. Ca phosphate excipients for feeds nd foods)

PUBL-TYP Patent

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Table 6. Commercial Lecitrins, % Composition

			Ε	50	'									
			trademarks	miscellaneous	moistare	sterola, glycosides	carbohydrates	acybean oil	polar lipids, others	phosphatidylinositol	arine	phosphatidylethanol-	phosphatidylcholine	Camponent
Yelkin (ADM) Leciprime (RL)	Centrocap (CS)	Nathin (NP)	Albolec (ALC)	*	←	w	9 1	5	8-12 12	9		9-12	10-16	Crude
Kelkinol (ADM) Lecigran (RI)	(NP) Cantrolex (CS)	Phospholipon 25	Aloxiec (ALC)	ĮŽ.	- 4	O	90	అ	5	6		8	20-25	Deailed
	Phosal (ALC/NP)	Nathin (NP)	Alcolec (ALC)	,	_	7	دئ	₩	\$	ы		21	40-55	Alcohol-soluble fraction
		Nathin (NP)	Alcalec (ALC)	•	,	-	5	ده	91	27		24	8-12	Alcohol-insoluble fraction
	(ALC/NJ)	(ALC/NP)	Phospholipon 80	•	_			Lo	7			10	75-80	PC 70"
·	(ALC/NP)		Phosphalipan 90		_			ယ	ယ				98-04	PC 90 ⁴

PC > 10%

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"Names of companies (suppliens) are given in parentheses. ADM — Archer Daniels Midland; ALC — American Lecibin Ca.; CS — Central Soys; NP — Natternisson Phospholysid Goddit; El — Riccland

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